SBR No. 99/13-14
DATED 24-1-14

EE/ELE/Y/BR.No. 98/13-14
Dt. 30-1-14

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No. **First and final** Date.....2010

Division: **Electricals** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Job Code -007-12-000064**

Schedule Docket No. Head of Account : P-1771 Zonal works

D.R.No. :

Name of Work: **Refixing of Released Octagonal Poles in International Airport Roads in Ward No-07 Kodigehalli Sub Division**

Name of Contractor and Full Address: *M/S. Sri Lakshmi Varadaraja Electrical stores*

Reference to Agreement No.EE/Elect/YZ/WO/ 20/2012-13 Date: 10-12-2012

Certified that the measurements were taken by me on 24/1/14 and recorded of Pages 120485 to 120491 of measurement Book No 1205 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 24/1/14 ....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele) **Sub-Division Officer**

II Memorandum of Payment

		BBMP, Bangalore
1)	Total value of work done or supplies made as per account within	Bill 290565=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	IT 1% 2906=00 VAT 4% 11623=00 FSD 5% 14528=00 Lwc 1% 2906=00 CBFD 0.1% 291=00 Fine 3,000=00
	b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	deductions 35,254=00 Cheque 2,55,311=00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands) (For use in the Office)

Witness
1.
2.
Dated Signature of Contractor

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-1771 Zonal works
ರೂ: 290565=00 ಡಿಡಿಟ್ ಮಾಡಿ
Stamp
ರೂ: 255311=00 ಚೆಕ್ ನೀಡಿ
Paid by me by Cheque No.....Dated ರೂ: 35.254=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿದೆ
Cash Rs.....
Dated.....
Initials of Officer making payment

ಲೆಕ್ಕ ಪರೀಕ್ಷಕರು ಕಾ.ಪಾ.ಅ.(ವ) ಯಲಹಂಕ ವಲಯ **Executive Engineer**

Sl. No.	Description of item	Unit
1	Fabricating supplying and and mounting MS box made out ..... SWG suitable for floor/ wall mounting , fully weather proof with provision for better heat dissipation, provided with hinged fron cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., compleate , b) 16SWG,	Sqcm
2	Supplying and fixing Microprocessor based Astronomical timer switch with using necessary bolts, nuts and washers etc.,	Each
3	Supplying and fixing of 4 pole power contactor with NO/ NC contacts on existing wood/panel board using necessary bolts,nuts,washers and wiring etc,complete.with AC-3 rating as per IS-13947,c) 60-70 Amps ,	Each
4	Supplying and fixing Miniature circuit breakers over the existing MCB distribution boards using necessary fixing materials and 'C' type curve,indicator On/OFF Energy cross -3 with short circuit breaking capacity of 10K and complete wiring as required. Make: ABB, Seimens, Legrand, L&T, MG f) 40-63 Amps TPN 1) Group 'A'	Each
5	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring thermal Magnetci Microprocessed release and Earth Fault as per IS-13947. (Icu=Ics)THREE POLE a) 100 Amps 25 kA,1) Group 'A'	Each
6	Supplying and fixing of porcelain fuse channel with cut out on existing wooden/panel using necessary nuts bolts and washer etc, complete c) 63 Amps	Each
7	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc d. 35 Sqmm	Each
8	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. . (32.9a)a) 40x40x6mm	Rmtr
9	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV Class I. Class 'A' PVC Cable d) 4 core 16sqmm	Per M
	f) 3.5 core 35sqmm	Per M
10	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required.I. In existing trench /duct. a) 6sqmm to 16 sqmm	Rmtr
	b) 25 sqmm to 75 sqmm	Rmtr
11	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. (As per Civil SR KSRB 1-2, P-7)b. In hard Soil	Rmtr
12	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or consealed system of wiring.I Group A .c) 2.5 sqmm	Per M
	e) 6 Sqmm	Per M
13	Supplying and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaries and shall be mounted on Octogonal pole using necessary bolts, nuts, etc., complete.b) Single Arm Bracket with 1500 mm Standard	Each
14	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class . a. 40 mm	Rmtr
15	Supplying and fixing of HPMH lamps on existing fitting mounted on tubular polei) Single End d)400 Watts	No
16	Supplying and fixing/replacement of ignitor suitable for 70 to 400 watts SV/MH fittings a) Group A	No
17	Supply and fixing of 400 Watts heavy duty open construction ferromagnetic copper ballast for HPMH lamps c)400 Watts 1. Group A	No
18	Casting of suitable foundation for the Octagonal Pole including designing and cost of all materials like Anchor plates,Template and washers labour charges, all other incidental charges etc,. complete as per specification and Drawing given in KPWD elect SR	Each
19	Hire Charges Components for Tractor 50 HP ,Sl no 20, Page No XXXIV, KPWD SR CIVIL 2010-11	Day
20	Hire Charges Components for Crane Charges ,Sl no 66, Page No XXXVI, KPWD SR CIVIL 2010-12	Day
21	Supplying and Fixing 4 Nos of 590 mm length High Yield Tensile Cold Rolled Pitched threads (680 N/sq mm) 27 mm Bolt dia	Nos
22	LT 3 phase 5 wire Aerial Bunched Cable of size 3X25+1X16+1X25+1X35 sqmm (Standard Stock materials 2009-10)	P/Mtr
23	Striniging of 1.1 KV grade aerial bunched 3 core cable of XLPE insulation standard aluminium conductor standard around a weather resistant black XLPE insulated AAA messanger wire (3X 50 Sq mm + 1X 16 sqmm + 1X 50 Sqmm + 1X 35 sqmm) 2.(3 X95) (for phase Conductor)+ (1X 50)(insulated messanger neutral)+(1X16)(Labour charges 2010-11) Rs 8961/Kmt	P/Mtr
24	Piercing connector suitable 16 Sqmm - 95 Sqmm AB cable service connections (Standard Stock materials 2010-11)	Nos
25	Dead End Clamp/ Anchor clamps assembly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	Nos
26	suspension clamp assemblly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	Nos
27	Errection of suspension clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	Nos
28	Errection of Anchor clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	Nos
29	Istallation of insulation piercing connector for main to street light Main: 16 -95 sqmm,Tap: 1.5-10 sqmm (EP 95)	Nos
30	Laying of UG cables by Trenchless technology by adopting Horizontal boring Boring and Drawing of Cable including preparation at site With HDPE Pipe iii) Normal Soil 6" Bore size BESCOM SR 2010-11 Labour Charges Sl No 294 Item No 27.1.2.3	Rmtr
	Total	
	Since the Quoted Rates are 40 % below	
	Bescom Deposit paid by contractor	
	Grand Total	

Certificate:- 1. The Above said Work has been carriedout satisfactorily
2. Amount Claimed in this bill has not been claimed in any of the previous bill

I/c

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
0	0.00	35000	0.33	11550.00	35000	11550.00	
0	0.00	1	7515.00	7515.00	1	7515.00	
0	0.00	6	3865.00	23190.00	6	23190.00	
0	0.00	2	1495.00	2990.00	2	2990.00	
0	0.00	1	3660.00	3660.00	1	3660.00	
0	0.00	6	219.00	1314.00	6	1314.00	
0	0.00	2	313.00	626.00	2	626.00	
0	0.00	6.5	240.00	1560.00	6.5	1560.00	
0	0.00	118	150.00	17700.00	118	17700.00	
0	0.00	72.5	250.00	18125.00	72.5	18125.00	
0	0.00	118	8.00	944.00	118	944.00	
0	0.00	72.5	11.00	797.50	72.5	797.50	
0	0.00	72	50.00	3600.00	72	3600.00	
0	0.00	725	25.00	18125.00	725	18125.00	
0	0.00	28	52.00	1456.00	28	1456.00	
0	0.00	3	2200.00	6600.00	3	6600.00	
0	0.00	9	240.00	2160.00	9	2160.00	
0	0.00	5	1152.00	5760.00	5	5760.00	
0	0.00	3	520.00	1560.00	3	1560.00	
0	0.00	3	1680.00	5040.00	3	5040.00	
0	0.00	26	4929.74	128173.24	26	128173.24	
0	0.00	1	2240.00	2240.00	1	2240.00	
0	0.00	2	3200.00	6400.00	2	6400.00	
0	0.00	26	1350.00	35100.00	26	35100.00	
0	0.00	924	81.45	75259.80	924	75259.80	
0	0.00	924	8.96	8279.04	924	8279.04	
0	0.00	52	210.00	10920.00	52	10920.00	
0	0.00	4	140.00	560.00	4	560.00	
0	0.00	26	280.00	7280.00	26	7280.00	
0	0.00	26	85.00	2210.00	26	2210.00	
0	0.00	4	85.00	340.00	4	340.00	
0	0.00	52	40.00	2080.00	52	2080.00	
0	0.00	54	730.00	39420.00	54	39420.00	
				452534.58		452534.58	
				181013.83		181013.83	
				19044.00		19044.00	
				290564.75		290564.75	

161969.83

161969.83